

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :

Alexandre Andreev et. al.

Serial No. : 10/694,208

Filed : October 27, 2003

For : Process and Apparatus for Placement of Cells in an IC during Floor Plan Creation

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Group Art Unit : 2825

OCT 27 2005

Examiner : Dinh, Paul

Atty Docket : / 03-2064

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the date below:

Manu Kashyap

Manu Kashyap

10/27/05
Date

Signature

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached form, copies of which are attached, may be material to examination of above-identified application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR 1.56 and 1.97.

It is requested that the information disclosed herein be made of record in the application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 12-2252.

LSI Logic Corporation
1621 Barber Lane, MS D-106
Milpitas, CA 95035
408-433-7475

Date: 27 Oct 05

10/28/2005 FMETEKI1 00000031 122252 10694208

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Respectfully submitted,

2000

Timothy Croll

Reg. No. 36,771



FAX COVER SHEET

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OCT 27 2005

**LSI LOGIC CORPORATION
Office of General Counsel
1621 Barber Lane
M/S D-106
Milpitas, CA 95035
Fax: (408) 433-7460**

Date: October 27, 2005
To **Name:** USPTO – MS: IDS
Fax: 571-273-8300
Phone: 703-305-8283

From: **Name:** Manu Kashyap, Intellectual Property Paralegal
Corporate Legal Dept.
Telephone: (408) 433-7475
Fax: (408) 433-7460

Re: 10/694,208

Number of Pages Including this Page 9

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MESSAGE:

**Docket Number: 03-2064
Box: IDS
Group Art: 2825
Examiner: Paul Dinh**

Please notify us immediately if any pages are not received.

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OCT 27 2005

Practitioner's Docket No. 03-2064

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Alexandre Andreev et al.

Serial No.: 10/694,208

Group Art Unit: 2825

Filed: October 27, 2003

Examiner: Paul Dinh

For: Process and Apparatus for Placement of Cells in an IC during Floor Plan Creation

Assistant Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

- ☐ WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. 1.97(b))
- ☐ BEFORE MAILING DATE OF EITHER A FINAL ACTION OR NOTICE OF ALLOWANCE (37 C.F.R. 1.97(c))
- ☒ AFTER MAILING DATE OF FINAL ACTION OR NOTICE OF ALLOWANCE BUT BEFORE PAYMENT OF ISSUE FEE (37 C.F.R. 1.97(d))

Pursuant to 37 CFR 1.56, Applicants hereby submit the references listed on the attached form PTO-1449 (modified). Copies of each of the references are enclosed.

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

FACSIMILE

- ☐ Deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.
- ☒ Transmitted by facsimile to the Patent and Trademark Office

Date: 10/27/2005

Signature

Manu Kashyap

I. TIME OF TRANSMITTAL OF ACCOMPANYING INFORMATION DISCLOSURE STATEMENT

- A. ☐ THIS INFORMATION DISCLOSURE STATEMENT IS SUBMITTED WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. 1.97(b)).

The information disclosure statement transmitted herewith is being filed:

- ☐ (1) Within three months of the filing date of a national application.
- ☐ (2) Within three months of the date of entry of the national stage as set forth in 1.491 in an international application.
- ☐ (3) Before the mailing date of a first Office Action on the merits.
- ☐ (4) To the best of the undersigned's knowledge, the information disclosure statement submitted herewith is being filed before the mailing date of a first Office action on the merits under 37 C.F.R. 1.97(b)(3). However, in the event that the USPTO has mailed an Office Action not yet received by the undersigned, a statement under 37 C.F.R. 1.97(e) is enclosed, since the disclosures submitted herewith were received by Applicants less than three months prior to the mailing date of this submittal.

- B. ☐ THIS INFORMATION DISCLOSURE STATEMENT IS SUBMITTED BEFORE MAILING DATE OF EITHER A FINAL ACTION OR NOTICE OF ALLOWANCE (37 C.F.R. 1.97(c)).

The information disclosure statement transmitted herewith is being filed before the mailing date of either a final action under 1.113 or a notice of allowance under 1.311, whichever occurs first, and is accompanied by either:

- ☐ (1) a statement as specified in 37 C.F.R. 1.97(e).
- ☐ (2) the fee set forth in 37 C.F.R. 1.17(p) for submission of an information disclosure statement under 1.97(c). (\$240.00).

- C. ■ THIS INFORMATION DISCLOSURE STATEMENT IS SUBMITTED AFTER MAILING DATE OF FINAL ACTION OR NOTICE OF ALLOWANCE BUT BEFORE PAYMENT OF ISSUE FEE (37 C.F.R. 1.97(d)).

The information disclosure statement transmitted herewith is being filed *after* a final action under 1.113, or a notice of allowance under 1.311, whichever occurs first, but before, or simultaneously with, the payment of the issue fee.

In accordance with the requirements of 37 C.F.R. 1.97(d):

- ☒ (1) Accompanying this transmittal is a statement as specified in 37 C.F.R. 1.97(e).
- ☒ (2) Applicant hereby petitions for the consideration of the accompanying information disclosure statement under 37 C.F.R. 1.97(d)(2).
- ☒ (3) Applicant submits the petition fee set forth in 1.17(i) (\$130.00).

II. ■ STATEMENT FOR INFORMATION DISCLOSURE UNDER 37 C.F.R. 1.97(e)

I, the person(s) signing below state:

- ☐ (1) that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. 37 C.F.R. 1.97(e)(1).

OR

- ☒ (2) that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 1.56(c) more than three months prior to the filing of the information disclosure statement. 37 C.F.R. 1.97(e)(2).

III. FEE DUE

- ☐ No Fee due under 37 C.F.R. 1.97(b).
- ☐ No Fee due under 37 C.F.R. 1.97(c).
- ☒ Fee under 37 C.F.R. 1.97(c) \$180.00 (37 C.F.R. 1.17(p)).
- ☐ Petition fee under 37 C.F.R. 1.97(d) \$130.00 (37 C.F.R. 1.17(i)).

IV. METHOD OF PAYMENT OF FEE

- ☐ Attached is a check for \$_____.
- ☒ Charge Account 12-2252 \$ 180.00.

If any additional fees are due, please charge Account 12-2252.

Respectfully submitted,



Timothy Croll
Attorney for Applicants
Registration No. 36,771
Telephone No. (408) 433-7625

Date: 27 Oct 05

Mailing Address:

Intellectual Property Law Department
LSI Logic Corporation
Mail Stop D-106
1621 Barber Lane
Milpitas, CA 95035

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of 1

PAGE 9/9 * RCVD AT 10/27/2005 6:17:50 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/26 * DNIS:2738300 * CSID:408 433 7460 * DURATION (mm-ss):02-30

Please type a plus sign (+) inside this box

PTO/SB/21 (12/97)
Approved for use through 9/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/694,208	
	Filing Date	October-27, 2003	
	First Named Inventor	Alexandre Andreev	
	Group Art Unit	2825	
	Examiner Name	Dinh, Paul	
Total number of pages in this submission	8	Attorney Docket Number	03-2064

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and
<input type="checkbox"/> Amendment/Response	<input type="checkbox"/> Licensing-related Paper	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits(s)/declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of time request	<input type="checkbox"/> Power of Attorney, Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	1. Return address postcard for PTO mailroom to date stamp.
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual Name	Timothy Croll, Reg. No. 36,771, Phone: [+1] 408-433-7475
Signature	
Date	10/27/03

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <u>October 27, 2005</u>	
Typed or printed name	Manu Kashyap, Phone: [+1] 408-433-7475
Signature	Date <u>10/27/05</u>

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/17 (2/98)

Approved for use through 9/30/2000. OMB 0651-0032

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FEE TRANSMITTAL

Patent Fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$180.00)

Complete if Known

Application Number	10/694,208
Filing Date	October-27, 2003
First Named Inventor	Alexandre Andreev
Group Art Unit	2825
Examiner Name	Paul Dinh
Attorney Docket No.	/ 03-2064

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:

Deposit
Account
Number

12-2252

Deposit
Account
Number

LSI LOGIC CORPORATION

Charge Any
Additional Fee
required Under 37Charge the Issue Fee Set in
37 C.F.R. 1.18 at the
Mailing of the Notice of

- 2.
- ☐
- Payment Enclosed:



Chec

Money
Order

Other

FEE CALCULATION

1. BASIC FILING FEE

Larg eFee Code (\$)	Entit yFee Code (\$)	Larg eFee Code (\$)	Entit yFee Code (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	
106	330	208	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional Filing fee	

SUBTOTAL (1) (\$0.00)

2. EXTRA CLAIM FEES

Total claim	Extra Claim	Fee from below	Fee Paid
Independent Claims	-20** =		
Multiple Dependent	-3** =		

**or number previously paid, if greater; For Reissues, see below

Larg eFee Code (\$)	Entit yFee Code (\$)	Larg eFee Code (\$)	Entit yFee Code (\$)	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	82	209	41	**Reissue independent claims over original patent
110	22	210	11	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$0.00)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Larg eFee Code (\$)	Entit yFee Code (\$)	Larg eFee Code (\$)	Entit yFee Code (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing request for reexamination	
112	920*	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
118	400	218	200	Extension for reply within second month	
117	650	217	475	Extension for reply within third month	
118	1510	218	755	Extension for reply within fourth month	
128	2,060	228	1,030	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional application	
126	240	126	240	Submission of Information Disclosure Statement	180.00
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129)	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129 (b))	

Other fee (specify)

Other fee (specify)

SUBTOTAL (3) (\$180.00)

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or
printed name

Timothy Croll

Signature

[Signature]

Date

27-10-05

Complete (if applicable)

Reg. Number

36,771

Deposit Account
User ID

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